

Home Networking  
Internet-Draft  
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Redacting .home from HNCP  
draft-homenet-redact-00

## Abstract

This document updates the Home Networking Control Protocol, eliminating the recommendation for a default top-level name for local name resolution.

## Status of This Memo

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[1.](#) Introduction

The Homenet working group has defined a mechanism for sharing information between homenet routers, in Home Networking Control Protocol [\[2\]](#). This document recommends the use of the ".home" top-level name as a locally-resolved domain name.

[RFC7788](#) did not follow the process defined in Special Use Domain Names [\[1\]](#). It is likely that, had this process been followed, it would not have been possible to gain consensus on the use of '.home' as the locally-resolved special-use top-level name for homenets, because this name is known to be informally in use by sites on the internet, and the use to which this name has been put is not well documented; it is impossible to say that there are no conflicting uses for the name, and so getting consensus to use it anyway would have been controversial, time consuming, and possibly futile.

The [RFC6761](#) process is not well-understood within the IETF, and the authors of [RFC7788](#) were not aware of it. Normally, authors are not expected to know all there is to know about IETF process, and IETF leadership, specifically working group chairs, area directors and directorate members are expected to engage in a review process that notices oversights of this sort.

Unfortunately, in the case of [RFC7788](#), none of the people who should have caught the missing [RFC6761](#) reference did catch it, and [RFC 7788](#) was published as a consensus document that uses '.home' without ever reserving it in the [RFC6761](#) Special-Use Domain Names registry.

This document updates [RFC 7788](#) to remove the specification to use '.home' for site-local name resolution within the homenet.

[2.](#) Updates to Home Networking Control Protocol

The final paragraph of [RFC 7788, section 8](#), is updated as follows:

OLD:

Names and unqualified zones are used in an HNCP network to provide naming and service discovery with local significance. A network-wide zone is appended to all single labels or unqualified zones in

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order to qualify them. ".home" is the default; however, an administrator MAY configure the announcement of a Domain-Name TLV ([Section 10.6](#)) for the network to use a different one. In case multiple are announced, the domain of the node with the greatest node identifier takes precedence.

NEW: (deleted)

### [3.](#) Normative References

- [1] Cheshire, S. and M. Krochmal, "Special-Use Domain Names", [RFC 6761](#), DOI 10.17487/RFC6761, February 2013, <<http://www.rfc-editor.org/info/rfc6761>>.
- [2] Stenberg, M., Barth, S., and P. Pfister, "Home Networking Control Protocol", [RFC 7788](#), DOI 10.17487/RFC7788, April 2016, <<http://www.rfc-editor.org/info/rfc7788>>.

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